

DEC 30 2004

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet

1

of

4

Application Number	09/311,996
Filing Date	May 14, 1999
First Named Inventor	Eugeni A. VAISBERG
Art Unit	1631
Examiner Name	John S. Brusca
Attorney Docket Number	09367.0052-00000

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials	Cite No.	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)			
JBS		US-5,768,412	06-16-1998	Mitsuyama, et al	
JBS		US-6,169,816 B1	01-02-2001	Ravkin	
JBS		US 2002/0119441 A1	08/29/2002	Elias	
JBS		US 2003/0228565 A1	12/11/2003	Oestreicher et al.	
JBS		US 6,615,141 B1	09/02/2003	Sabry et al.	
JBS		US 6,738,716 B1	05/18/2004	Sabry et al.	
JBS		US 6,631,331 B1	10/07/2003	Sabry et al.	
JBS		US 6,651,008 B1	11/18/2003	Vaisberg et al.	
JBS		US 6,743,576 B1	06/01/2004	Sabry et al.	
JBS		US 2002/0049544 A1	04/25/2002	Nislow et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation
		Country Code Number Kind Code (if known)				
JBS		WO 02/066961 A1	08/29/2002			
JBS		WO 02/47032 A1	06/13/2002			
JBS		WO 02/067182 A2/A3	08/29/2002			
JBS		WO 2002/067188 A3	08/29/2002			
JBS		WO 02/067195 A2/A3	08/29/2002			
JBS		WO 02/000940 A3	01/03/2002			
JBS		WO 02/05012 A2/A3	06/27/2002			
JBS		WO 01/81895 A2	11/01/2001			

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
JBS		BOLAND et al., "Automated Recognition of Patterns Characteristic of Subcellular Structures in Fluorescence Microscopy Images," <i>Cytometry</i> 33: 366-375 (1998)
JBS		BOYCE et al. "System and Method to Achieve Integrated Presentation of Summary Statistics, Detail Measurements, and Raw Images While Maintaining Efficient Use of Storage Media Through Separation of the Data in an Integrated Data Management and Presentation System," U.S. Provisional Patent Application No. 60/108,291, filed November 13, 1998

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Sarah M. Barnett

JBS Barnett 5 March 2005

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Sheet

2

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4

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NON PATENT LITERATURE DOCUMENTS

RB	LU et al., "Hierarchical Shape Recognition Using Polygon Approximation and Dynamic Alignment," <i>Acoustics, Speech, and Signal Processing 2</i> : 976-979 (1988)
RB	MISTELI, Tom and SPECTOR, David L., "Applications of the green fluorescent protein in cell biology and biotechnology," <i>Nature Biotechnology</i> 15: 961-964 (1997)
RB	Printout from Automated Cell Website (www.automatedcell.com) printed on March 9, 2001, 24 Pages
RB	RUSS, J.C., "Processing Bionary Images," <i>The Image Processing Handbook</i> , 2 nd Edition, Publishers - CRC Press, Inc., Pages 457-474 (1995)
RB	SCHRODER et al., "FLIPR: A New Instrument For Accurate, High Throughput Optical Screening," <i>Journal of Biomolecular Screening</i> 1(2): 75-80 (1996)
RB	SMITH, Roger James "A Pulsed Polarimeter," U.S. Provisional Patent Application No. 60/110,643, filed December 1, 1998
RB	TARASOVA et al., "Visualization of G Protein-coupled Receptor Trafficking with the Aid of the Green Fluorescent Protein," <i>J. Biological Chem.</i> 272(23): 14817-14824 (1997)
RB	TAYLOR et al., "Automated Interactive Microscopy: Measuring and Manipulating the Chemical and Molecular Dynamics of Cells and Tissues," <i>Progress in Biomedical Optics</i> , Conference in San Jose, California, January 28 - February 1, 1996, Vol. 2678: 15-27
RB	THIBAUT et al. "Actin filament alteration as a potential marker for cholestasis: a study in isolated rat hepatocyte couplets," <i>Toxicology</i> 73: 269-279 (1992)
RB	WANG et al. "Database for Storage, Retrieval, and Analysis of Cellular Information," U.S. Provisional Patent Application No. 60/120,801, filed February 19, 1999
RB	WATANABE et al. "Phalloidin Alters Bile Canalicular Contractility In Primary Monolayer Cultures of Rat Liver," <i>Gastroenterology</i> 85(2): 245-253 (1983)
RB	WELSH, Stephen and KAY, Steve A., "Reporter gene expression for monitoring gene transfer," <i>Curr. Opin. Biotechnol.</i> 8(5): 617-622 (1997)
RB	SABRY et al., "A Database Method for Predictive Cellular Bioinformatics," U.S. Patent Application No. 09/310,879, filed May 14, 1999.
RB	Office Action dated May 8, 2001, for U.S. Application No. 09/310,879, filed May 14, 1999.
RB	Office Action dated October 2, 2001, for U.S. Application No. 09/310,879, filed May 14, 1999.
RB	Office Action dated February 6, 2002, for U.S. Application No. 09/310,879, filed May 14, 1999.
RB	Office Action dated July 2, 2002, for U.S. Application No. 09/310,879, filed May 14, 1999.
RB	Office Action dated October 22, 2002, for U.S. Application No. 09/310,879, filed May 14, 1999.
RB	Office Action dated April 9, 2003, for U.S. Application No. 09/310,879, filed May 14, 1999.
RB	Office Action dated June 11, 2003, for U.S. Application No. 09/310,879, filed May 14, 1999.
RB	Office Action dated October 20, 2003, for U.S. Application No. 09/310,879, filed May 14, 1999.
RB	Office Action dated November 30, 2004, for U.S. Application No. 09/310,879, filed May 14, 1999.
RB	ADAMS et al., "A Database System and User Interface for Predictive Cellular Bioinformatics," U.S. Provisional Application No. 60/134,104, filed May 14, 1999.
RB	Office Action dated January 9, 2004, for U.S. Application No. 09/790,214, filed February 20, 2001.
RB	Office Action dated May 30, 2003, for U.S. Application No. 09/790,214, filed February 20, 2001.
RB	Office Action dated January 16, 2003, for U.S. Application No. 09/790,214, filed February 20, 2001.
RB	KUTSYY et al., "Methods and Apparatus for Investigating Side Effects," U.S. Application No. 10/621,821, filed July 16, 2003.
RB	COLEMAN et al., "Methods and Apparatus for Characterising Cells and Treatments," U.S. Application No. 10/615,116, filed July 7, 2003.
RB	SABRY et al., "A Database Method for Predictive Cellular Bioinformatics," U.S. Application No. 09/718,151, filed November 20, 2000.
RB	Office Action dated October 6, 2003, for U.S. Application No. 09/718,151, filed November 20, 2000.
RB	Office Action dated January 27, 2003, for U.S. Application No. 09/718,151, filed November 20, 2000.
RB	Office Action dated July 9, 2002, for U.S. Application No. 09/718,151, filed November 20, 2000.

John S. Brusca 5 March 2005

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Attorney Docket Number	09367.0052-00000

Sheet

3

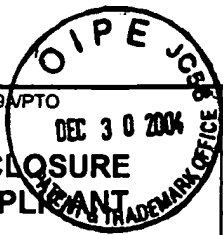
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NON PATENT LITERATURE DOCUMENTS

RB	Office Action dated April 9, 2002, for U.S. Application No. 09/718,151, filed November 20, 2000.
RB	Office Action dated November 6, 2001, for U.S. Application No. 09/718,151, filed November 20, 2000.
RB	Office Action dated October 1, 2001, for U.S. Application No. 09/718,151, filed November 20, 2000.
RB	SABRY et al., "A Database System for Predictive Cellular Bioinformatics," U.S. Application No. 09/718,666, filed November 21, 2000.
RB	Office Action dated January 16, 2004, for U.S. Application No. 09/718,666, filed November 21, 2000.
RB	Office Action dated August 12, 2003, for U.S. Application No. 09/718,666, filed November 21, 2000.
RB	SABRY et al., "A Database System for Predictive Cellular Bioinformatics," Substitute Specification for U.S. Application No. 09/718,666, filed November 21, 2000.
RB	Office Action dated May 9, 2002, for U.S. Application No. 09/718,666, filed November 21, 2000.
RB	VAISBERG et al., "A Database System Including Computer Code for Predictive Cellular Bioinformatics," U.S. Application No. 09/718,685, filed November 21, 2000.
RB	Office Action dated June 15, 2004, for U.S. Application No. 09/718,685, filed November 21, 2000.
RB	Office Action dated October 20, 2003, for U.S. Application No. 09/718,685, filed November 21, 2000.
RB	Office Action dated July 18, 2003, for U.S. Application No. 09/718,685, filed November 21, 2000.
RB	Office Action dated May 14, 2003, for U.S. Application No. 09/718,685, filed November 21, 2000.
RB	Office Action dated July 16, 2002, for U.S. Application No. 09/718,685, filed November 21, 2000.
RB	Office Action dated April 18, 2002, for U.S. Application No. 09/718,685, filed November 21, 2000.
RB	Office Action dated March 12, 2002, for U.S. Application No. 09/718,685, filed November 21, 2000.
RB	Office Action dated October 23, 2001, for U.S. Application No. 09/718,685, filed November 21, 2000.
RB	Office Action dated June 10, 2004, for U.S. Application No. 09/888,063, filed June 22, 2001.
RB	Office Action dated January 14, 2004, for U.S. Application No. 09/888,063, filed June 22, 2001.
RB	Office Action dated September 24, 2003, for U.S. Application No. 09/888,063, filed June 22, 2001.
RB	Office Action dated October 21, 2003, for U.S. Application No. 10/082,036, filed February 20, 2002.
RB	Office Action dated April 2, 2004, for U.S. Application No. 10/082,036, filed February 20, 2002.
RB	Office Action dated May 19, 2004, for U.S. Application No. 10/082,036, filed February 20, 2002.
RB	Office Action dated July 16, 2004, for U.S. Application No. 10/082,036, filed February 20, 2002.
RB	Office Action dated October 7, 2004, for U.S. Application No. 10/082,036, filed February 20, 2002.
RB	Notice of Allowability dated June 30, 2003, for U.S. Application No. 09/721,154, filed November 21, 2000.
RB	Office Action dated March 11, 2003, for U.S. Application No. 09/721,154, filed November 21, 2000.
RB	Office Action dated November 21, 2002, for U.S. Application No. 09/721,154, filed November 21, 2000.
RB	Office Action dated September 11, 2002, for U.S. Application No. 09/721,154, filed November 21, 2000.
RB	Office Action dated March 12, 2002, for U.S. Application No. 09/721,154, filed November 21, 2000.
RB	Notice of Allowability dated March 20, 2003, for U.S. Application No. 09/718,704, filed November 21, 2000.
RB	Office Action dated January 21, 2003, for U.S. Application No. 09/718,704, filed November 21, 2000.
RB	Office Action dated October 22, 2002, for U.S. Application No. 09/718,704, filed November 21, 2000.
RB	Office Action dated April 8, 2002, for U.S. Application No. 09/718,704, filed November 21, 2000.
RB	Notice of Allowability dated June 16, 2003, for U.S. Application No. 09/718,766, filed November 21, 2000.
RB	Office Action dated April 22, 2003, for U.S. Application No. 09/718,766, filed November 21, 2000.

John S. Brusca 5 March 2005



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JLB	Office Action dated January 21, 2003, for U.S. Application No. 09/718,766, filed November 21, 2000.
JLB	Office Action dated November 19, 2002, for U.S. Application No. 09/718,766, filed November 21, 2000.
JLB	Office Action dated March 21, 2002, for U.S. Application No. 09/718,766, filed November 21, 2000.
JLB	Notice of Allowability dated May 5, 2003, for U.S. Application No. 09/718,836, filed November 21, 2000.
JLB	Office Action dated February 10, 2003, for U.S. Application No. 09/718,836, filed November 21, 2000.
JLB	Office Action dated March 25, 2002, for U.S. Application No. 09/718,836, filed November 21, 2000.
JLB	Notice of Allowability dated January 5, 2004, for U.S. Application No. 09/311,890, filed May 14, 1999.
JLB	Office Action dated June 30, 2003, for U.S. Application No. 09/311,890, filed May 14, 1999.
JLB	Office Action dated March 14, 2003, for U.S. Application No. 09/311,890, filed May 14, 1999.
JLB	Office Action dated October 22, 2002, for U.S. Application No. 09/311,890, filed May 14, 1999.
JLB	Office Action dated July 5, 2002, for U.S. Application No. 09/311,890, filed May 14, 1999.
JLB	Office Action dated March 26, 2002, for U.S. Application No. 09/311,890, filed May 14, 1999.
JLB	Office Action dated July 16, 2001, for U.S. Application No. 09/311,890, filed May 14, 1999.
JLB	International Preliminary Examination Report completed March 6, 2003, for Application No. PCT/US01/47820, filed December 12, 2001.
JLB	Written Opinion mailed December 2, 2002, for Application No. PCT/US01/47820, filed December 12, 2001.
JLB	International Preliminary Examination Report completed May 22, 2003, for Application No. PCT/US01/20136, filed June 22, 2001.
JLB	Written Opinion mailed March 3, 2003, for Application No. PCT/US01/20136, filed June 22, 2001.
JLB	International Preliminary Examination Report completed February 3, 2003, for Application No. PCT/US01/13248, filed April 24, 2001.
JLB	Written Opinion mailed December 13, 2002, for Application No. PCT/US01/13248, filed April 24, 2001.
JLB	International Preliminary Examination Report completed September 26, 2002, for Application No. PCT/US01/27709, filed September 7, 2001.
JLB	Written Opinion mailed July 1, 2002, for Application No. PCT/US01/27709, filed September 7, 2001.
JLB	International Preliminary Examination Report completed February 9, 2004, for Application No. PCT/US02/05553, filed February 20, 2002.
JLB	International Preliminary Examination Report completed September 19, 2003, for Application No. PCT/US02/04492, filed February 14, 2002.
JLB	Written Opinion mailed June 12, 2003, for Application No. PCT/US02/04492, filed February 14, 2002.

Examiner Signature	<i>John S. Brusca</i>	Date Considered	<i>5 March 2003</i>
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.